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ID# CUE 02 0036

Worksheet 6. Application Summary

This worksheet will be posted on the web to notify the public of requests for critical use exemptions beyond the 2005 phase out for methyl bromide. Therefore, this worksheet cannot be claimed as CBI.

1. Name of Applicant: California Association of Nurserymen Citrus and Avocado Growers

2. Location: Southern and Central California

3. Crop: Citrus and Avocado

4. Pounds of Methyl Bromide Requested **2005** 4,200

5. Area Treated with Methyl Bromide **2005** 105 acres **units**

6. If methyl bromide is requested for additional years, reason for request:

There is no indication that acceptable alternatives will be in place sufficient to meet state nursery certification requirements.

2006 4,200 **lbs.** **Area Treated** 105 acres **units**

2007 4,200 **lbs.** **Area Treated** 105 acres **units**

Place an "X" in the column(s) labeled "Not Technically Feasible" and/or "Not Economically Feasible" where appropriate. Use the "Reasons" column to describe why the potential alternative is not feasible.

Potential Alternatives	Not Technically Feasible	Not Economically Feasible	Reasons
1,3-D	X	Trees not yet harvested by grower who tried this	This material does not control weeds. 1,3-D does not control pathogens or nematodes deeply enough in the soil profile to keep the pathogens and nematodes out of the rooting zone of nursery trees. There are township caps associated with this material.
1,3-D, Chloropicrin	X		Even in association with chloropicrin, 1,3-D does not control weeds. 1,3-D/chloropicrin combinations do not control pathogens or nematodes deep enough in soil profile. This is a very expensive mix.
1,3-D, Chloropicrin, Metam Sodium	X		1,3-D in association with chloropicrin and metam sodium have not been shown to be effective deep enough in the soil profile. This is a prohibitively expensive mix.
1,3-D, Metam Sodium	X		1,3-D and metam sodium can give phytotoxic effects if applied at the same time. Sequential applications require a long period of time for the fumigation process. This combination does not provide adequate nematode and pathogen control.
Basamid	X		Basamid is difficult to apply uniformly and thus does not provide even control.
Chloropicrin	X		Chloropicrin is an expensive product and large amounts are needed if applied alone. The efficacy of this material is inconsistent for control of pathogens.
Metam Sodium	X		Metam Sodium only moves in water and does not fumigate soil that is not within the wetted soil front. Control of pathogens, nematodes and weeds has been inconsistent with this material.